

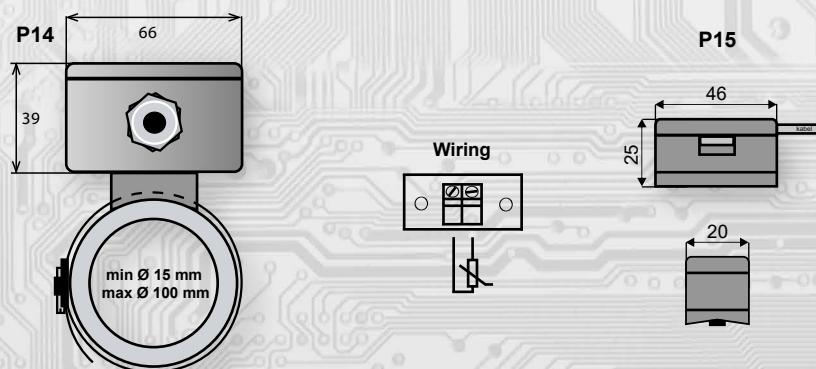
### Description

The surface contact feeler is used for temperature detection on piping and tubes (e.g. cold-water or hot-water), or on heating sections for heating system control. The head of sensor is made of polycarbonat, cover is provided with quick-locking screws,

The version P15 is without head, The length of the cable is 2m.

### Technical parameters:

Measuring range	-30 ÷ 120 °C
Sensing element	see the table below
Connection	2 (on request 3 or 4) wiring
Accuracy	class B, IEC 751 (Pt100, Pt 500, Pt1000) class B, DIN 43760 (Ni1000, Ni10000, Ni891, Ni2226) ± 1 °C (NTC20kΩ)
Head	material polycarbonat, blue colour (grey on request) surrounding's temperature -30 ÷ 80 °C
Stem	stainless steel, DIN 1.4301, Ø = 6 mm, length of stem L1: see the table below
Insulation resistance	> 100 MΩ at 25 °C (500 V DC)
Protection type	IP 65 (EN 60529)
Relative humidity	< 95 %
Terminal board	COB 5/2, wire cross section 0,35 ÷ 2,5 mm <sup>2</sup>
Cable gland	PG9, wire diameter 4 ÷ 8 mm
Versions	P14x - L1 (one sensing element) 2P14x - L1 (two sensing elements) x = P,PA, PB, S, L, J, SA, H or N



### Summary

Sensor	P14P	P14PA	P14PB	P14S	P14L	P14J	P14SA	P14H	P14N
Sensing element	Pt100	Pt1000	Pt500	Ni1000/6180	Ni1000/5000	Ni891	Ni10000/6180	NTC 20kΩ	Ni2226
Recommended measurement current	1 mA	0,1 mA	0,7 mA	0,1 mA	0,1 mA	0,1 mA	0,01 mA	*	0,1 mA
Max. measurement current	5mA	1 mA	3 mA	1 mA	1 mA	1 mA	0,5 mA	*	0,7 mA

On the request sensors can be supplied with two measuring elements or sensors with other types of measuring elements such as NTC, PTC, KTY etc